

3.4.a "Copipe", "Copex" and "Copert" pipes



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Pipe summary		Application		Approval	Fitting summary					
		Surface heating and cooling systems	Central heating systems		"Cofit P" Bronze	"Cofit PD" Bronze	"Cofit PDK" Plastic	"Cofit S" Brass + bronze	"Cofit PD-HT" Brass + bronze	"Cofit PDK-HT" Plastic
"Copex" PE-Xc plastic pipes with oxygen barrier	14 x 2 mm	X			X only press coupling			X		
	16 x 2 mm	X			X	X	X	X		
	17 x 2 mm	X			X only press coupling			X		
	20 x 2 mm	X			X only press coupling			X		
	20 x 2.5 mm	X	X		X	X	X	X		
	26 x 3 mm	X			X	X		X		
"Copert" PE-RT plastic pipes with oxygen barrier	12 x 2 mm	X								
	14 x 2 mm	X			X only press coupling			X		
	16 x 2 mm	X			X	X	X	X		
	17 x 2 mm	X			X only press coupling			X		
"Copipe HSC" PE-RT/AL/PE-RT composition pipes H: Heating systems S: Sanitary installations C: Cooling systems	14 x 2 mm	X	X	DVGW				X		
	16 x 2 mm	X	X	DVGW	X	X	X	X		
	20 x 2.5 mm	X	X	DVGW	X	X	X	X		
	26 x 3.0 mm	X	X	DVGW	X	X		X		
	32 x 3.0 mm	X	X	DVGW	X			X		
	40 x 3.5 mm	X	X	DVGW	X					
	50 x 4.5 mm	X	X	DVGW	X					
63 x 6.0 mm	X	X	DVGW	X						
"Copipe HS" PE-Xc/AL/PE-RT composition pipes H: Heating systems S: Sanitary installations	14 x 2.0 mm	X	X	DVGW				X		
	16 x 2.0 mm	X	X	DVGW	X	X	X	X		
	18 x 2.0 mm	X	X	DVGW				X		
	20 x 2.5 mm	X	X	DVGW	X	X	X	X		
	26 x 3.0 mm	X	X	DVGW	X	X	X	X		
	32 x 3.0 mm	X	X	DVGW	X			X		
	40 x 3.5 mm	X	X	DVGW	X					
"Copex HT" PE-Xc plastic pipes with oxygen barrier T: thick walled	16 x 2.2 mm	X							X	X
	20 x 2.8 mm	X							X	X
	25 x 3.5 mm	X							X	
	32 x 4.4 mm	X							X	

Fittings: Additional letters: P: Press connection
 PD: Press connection / Drop (designed not to seal in an uncompressed condition)
 PDK: Press connection / Drop (designed not to seal in an uncompressed condition) / Plastic
 HT: High temperature
 S: Screwed connection



3.4.a "Copipe", "Copex" and "Copert" pipes

Content

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Article	Packing unit	Article-No.	Hint
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"Copipe HSC" Composition pipe
PE-RT/AL/PE-RT
white

for press connection technology "Cofit P/PD/PDK" and
screwed connection technology "Cofit S"

rolls

Dimension 14 x 2 mm



length per roll 50 m	(50)	1541054
length per roll 100 m	(100)	1540154
length per roll 200 m	(200)	1540254

Dimension 16 x 2 mm



length per roll 50 m	(50)	1541055
length per roll 100 m	(100)	1540155
length per roll 200 m	(200)	1540255
length per roll 500 m	(500)	1540555

Dimension 20 x 2.5 mm



length per roll 50 m	(50)	1541060
length per roll 100 m	(100)	1540160
length per roll 200 m	(200)	1540260

Dimension 26 x 3.0 mm



length per roll 50 m	(50)	1541066
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Dimension 32 x 3.0 mm



length per roll 50 m	(50)	1541072
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with 4 mm insulation
length per roll 50 m



Dimension 16 x 2.0 mm		1541155°
Dimension 20 x 2.5 mm		1541160°

with 6 mm insulation
length per roll 50 m



Dimension 16 x 2.0 mm		1541355°
Dimension 20 x 2.5 mm	(50)	1541360°

with 9 mm insulation
length per roll 50 m



Dimension 16 x 2.0 mm		1541455°
Dimension 20 x 2.5 mm	(50)	1541460°

Application:
Central heating systems with circulation pump, surface heating and cooling systems as well as sanitary installations.

DVGW tested (dimension 14 x 2.0 mm).
DVGW approved (dimension 16 x 2.0 mm and above).
DVGW reg.-no. DW-8501AT2407.

Max. operating pressure p_s : 6 bar at 90 °C
 p_s : 10 bar at 70 °C

Diffusion tight three-layered composition pipe
- inner layer made of PE-RT
- aluminium pipe welded end to end
- outer coating made of PE-RT bonded by adhesive layers.

The pipework has to be insulated according to the valid laws, decrees, standards and guidelines.

Suitable insulation material to be obtained from specialist stores.

Pipe with 4 mm insulation layer for the installation of cold water pipes according to DIN 1988.

Pipe with 6 mm insulation layer for the installation of cold water pipes according to DIN 1988.

Pipe with 9 mm insulation layer for insulation requirements according to the German Energy Saving Directive (EnEV) and DIN 1988.



Article	Packing unit	Article-No.	Hint
within protective tube (corrugated tube) length per roll 50 m			The black corrugated tube made of polyethylene offers an additional protection against damage and UV rays.
Dimension 14 x 2.0 mm	(50)	1541254°	
Dimension 16 x 2.0 mm	(50)	1541255°	
Dimension 20 x 2.5 mm	(50)	1541260°	
rods length: 5 m			Fire protection: Tested fire protection systems of the Fire Resistance Regulations Class R90 for "Copipe HSC" composition pipes are available from specialist stores:
Dimension 16 x 2.0 mm 12 lengths	(5)	1541555°	– Fire protection tape Curaflam of the company Doyma
Dimension 20 x 2.5 mm 10 lengths	(5)	1541560°	– Pipe coating Conlit 150 u and continuing insulation shell Rockwool 800
Dimension 26 x 3.0 mm 9 lengths	(5)	1541566°	
Dimension 32 x 3.0 mm 6 lengths	(5)	1541572°	
Dimension 40 x 3.5 mm 4 lengths	(5)	1541584°	
Dimension 50 x 4.5 mm 4 lengths	(5)	1541582°	
Dimension 63 x 6.0 mm 3 lengths	(5)	1541585°	

Awards:



Pragothem Prague

Article	Packing unit	Article-No.	Hint
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"Copipe HS" Composition pipe
PE-Xc/AL/PE-Xb
white

for press connection technology "Cofit P/PD/PDK" and
screwed connection technology "Cofit S"

rolls

Dimension 14 x 2.0 mm



length per roll 50 m	(50)	1501054°
length per roll 100 m	(100)	1500154°
length per roll 200 m	(200)	1500254°

Dimension 16 x 2.0 mm



length per roll 50 m	(50)	1501055°
length per roll 100 m	(100)	1500155°
length per roll 200 m	(200)	1500255°
length per roll 500 m	(500)	1500555°

Dimension 18 x 2.0 mm



length per roll 100 m	(100)	1500158°
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Dimension 20 x 2.5 mm



length per roll 50 m	(50)	1501060°
length per roll 100 m	(100)	1500160°

Dimension 26 x 3.0 mm



length per roll 50 m	(50)	1501066°
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Dimension 32 x 3.0 mm



length per roll 50 m	(50)	1501072°
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with 4 mm insulation
length per roll 50 m



Dimension 16 x 2.0 mm	(50)	1501155°
Dimension 20 x 2.5 mm	(50)	1501160°

with 6 mm insulation
length per roll 50 m



Dimension 16 x 2.0 mm	(50)	1501355°
Dimension 20 x 2.5 mm	(50)	1501360°

Application:

Central heating systems with circulation pump, surface heating and cooling systems as well as sanitary installations.

Max. operating pressure p_s : 10 bar at 95 °C
16 bar (PN 16) for cold water

DVGW reg. no. DW-8501AT2407



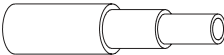

Diffusion tight three-layered composition pipe
– inner layer made of crosslinked polyethylene
– aluminium pipe welded end to end
– outer layer made of crosslinked polyethylene bonded by special layers.

The pipework has to be insulated according to the valid laws, decrees, standards and regulations.

Suitable insulation material available from specialist stores.

Pipe with 4 mm insulation layer for the installation of cold water pipes according to DIN 1988.

Pipe with 6 mm insulation layer for the installation of cold water pipes according to DIN 1988.

Article	Packing unit	Article-No.	Hint
	<p>with 9 mm insulation length per roll 50 m</p> <p>Dimension 16 x 2.0 mm (50) 1501455° Dimension 20 x 2.5 mm (50) 1501460°</p>		<p>Pipe with 9 mm insulation layer for insulation requirements according to the German Energy Saving Directive (EnEV) and DIN 1988.</p>
	<p>within protective tube (corrugated tube) length per roll 50 m</p> <p>Dimension 14 x 2,0 mm (50) 1501254° Dimension 16 x 2.0 mm (50) 1501255° Dimension 20 x 2.5 mm (50) 1501260°</p>		<p>The black corrugated tube made of polyethylene offers an additional protection against damage and UV rays.</p>
	<p>rods length: 5 m</p> <p>Dimension 16 x 2.0 mm (5) 1501555° 20 lengths dimension 20 x 2.5 mm (5) 1501560° 13 lengths Dimension 26 x 3.0 mm (5) 1501566° 7 lengths Dimension 32 x 3.0 mm (5) 1501572° 5 lengths Dimension 40 x 3.5 mm (5) 1501580° 9 lengths</p>		<p>Fire protection: Tested fire protection systems of the Fire Resistance Regulations Class R90 for "Copipe HS" composition pipes are available from specialist stores:</p> <ul style="list-style-type: none"> - Fire protection tape Curaflam of the company Doyma - Pipe coating Conlit 150 and continuing insulation shell Rockwool 800
<p>Awards:</p>  Pragotherm Prague			

Article	Packing unit	Article-No.	Hint
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"Copex PE-Xc" Plastic pipe
with oxygen barrier

for press connection technology "Cofit P/PD/PDK" and
screwed connection technology "Cofit S"

rolls

Application:
**Central heating systems, surface heating
and cooling systems.**

Pipes according to DIN 16892 / DIN 16893 /
DIN EN ISO 15 875 / EN 1264-4 (except for
dimensions 26 and 32). Oxygen tight according
to DIN 4726 (all dimensions).



Dimension 14 x 2 mm

length per roll 120 m (120) **1400051**
length per roll 240 m (240) **1400052**
length per roll 600 m (600) **1400054**

Max. operating pressure p_s :
6 bar at 90 °C
10 bar at 60 °C



Dimension 16 x 2 mm

length per roll 120 m (120) **1400151**
length per roll 240 m (240) **1400152**
length per roll 600 m (600) **1400154**

Max. operating pressure p_s :
6 bar at 90 °C
10 bar at 60 °C



Dimension 20 x 2.5 mm

length per roll 50 m (50) **1400460**
length per roll 100 m (100) **1400461**

Max. operating pressure p_s :
8 bar at 90 °C
10 bar at 60 °C
13 bar at 20 °C



Dimension 26 x 3 mm

length per roll 50 m (50) **1400560**
length per roll 200 m (200) **1400562**
length per roll 300 m (300) **1400563**

Max. operating pressure p_s :
6 bar at 90 °C
10 bar at 60 °C



Dimension 32 x 3 mm

length per roll 50 m (50) **1400660**

Max. operating pressure p_s :
6 bar at 90 °C
8 bar at 60 °C
10 bar at 20 °C

3.4

Article	Packing unit	Article-No.	Hint
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"Copert" PE-RT Plastic pipe
with oxygen barrier

for press connection technology "Cofit P/PD/PDK" and
screwed connection technology "Cofit S"

rolls

Dimension 14 x 2 mm



length per roll 240 m
length per roll 600 m

(240) **1402052**
(600) **1402054**

Application:
Surface heating and cooling systems.

Pipes according to DIN 16833/DIN 16834.
Oxygen tight according to DIN 4726.

Max. operating pressure p_s : 6 bar at 70 °C

Dimension 16 x 2 mm



length per roll 240 m
length per roll 600 m

(240) **1402152**
(600) **1402154**

3.4.b "Cofit P" Press connection technology (bronze)

Content



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Article	Packing unit	Article-No.	Hint
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"Cofit P" Press fittings
bronze, dimensions 40, 50 and 63 mm
made of brass,
stainless steel casing,
for composition pipe "Copipe"

Universal application for heating and cooling systems and sanitary installations.

Approvals:
DVGW for all dimensions.
ATEC, CSTBat and ÖNORM up to dimension 40.

For valves and fittings with female thread.

Press connection with male thread
unplated



16	x 2.0 mm	x R 3/8	(10)	1512044°
50	x 4.5 mm	x R 1 1/2		1512056°
63	x 6.0 mm	x R 2		1512057°
16	x 2.0 mm	x R 1/2	(10)	1512043°
20	x 2.5 mm	x R 3/8	(10)	1512047°
20	x 2.5 mm	x R 1/2	(10)	1512045°
20	x 2.5 mm	x R 3/4	(10)	1512046°
26	x 3.0 mm	x R 3/4	(5)	1512048°
26	x 3.0 mm	x R 1	(5)	1512049°
32	x 3.0 mm	x R 1	(5)	1512051°
40	x 3.5 mm	x R 1 1/4	(5)	1512054°

Press connection with collar nut
unplated



16	x 2.0 mm	x G 3/8 c/nut	(10)	1512141°
16	x 2.0 mm	x G 3/4 c/nut	(10)	1512143°
20	x 2.5 mm	x G 1/2 c/nut	(10)	1512144°
20	x 2.5 mm	x G 3/4 c/nut	(10)	1512145°
26	x 3.0 mm	x G 3/4 c/nut	(5)	1512146°
26	x 3.0 mm	x G 1 c/nut	(5)	1512147°
32	x 3.0 mm	x G 1 c/nut	(5)	1512148°
32	x 3.0 mm	x G 1 1/4 c/nut	(5)	1512149°
40	x 3.5 mm	x G 1 1/2 c/nut	(5)	1512151°
50	x 4.5 mm	x G 1 3/4 c/nut		1512156°
63	x 6.0 mm	x G 2 3/8 c/nut		1512157°

With flat seal.
For instance for flat sealing Oventrop valves and fittings.

Press connection with female thread



16	x 2.0 mm	x Rp 1/2	(10)	1512243°
20	x 2.5 mm	x Rp 1/2	(10)	1512245°
20	x 2.5 mm	x Rp 3/4	(10)	1512246°
26	x 3.0 mm	x Rp 3/4	(5)	1512247°
26	x 3.0 mm	x Rp 1	(5)	1512248°
32	x 3.0 mm	x Rp 1	(5)	1512249°
40	x 3.5 mm	x Rp 1 1/4	(5)	1512252°
50	x 4.5 mm	x Rp 1 1/2		1512256°
63	x 6.0 mm	x Rp 2		1512257°

For changing over to different pipe material and for valves and fittings with male threaded connection for sealing.

Press coupling



16 x 2 mm	x 16 x 2 mm	(10)	1512543
20 x 2.5 mm	x 20 x 2.5 mm	(10)	1512545
26 x 3 mm	x 26 x 3 mm	(5)	1512546
32 x 3 mm	x 32 x 3 mm	(5)	1512547
40 x 3.5 mm	x 40 x 3.5 mm	(5)	1512548°
50 x 4.5 mm	x 50 x 4.5 mm		1512549°
63 x 6 mm	x 63 x 6 mm		1512550°

Article	Packing unit	Article-No.	Hint
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Press reducing coupling



20	x 16 mm	(10)	1512655°
50	x 40 mm		1512665°
63	x 40 mm		1512668°
63	x 50 mm		1512669°
26	x 16 mm	(5)	1512656°
26	x 20 mm	(5)	1512657°
32	x 20 mm	(5)	1512659°
32	x 26 mm	(5)	1512660°
40	x 20 mm	(5)	1512662°
40	x 26 mm	(5)	1512663°
40	x 32 mm	(5)	1512664°
50	x 32 mm		1512666°

Press connection coupling



16	x 2.0 mm	x 10 mm	(10)	1514041°
16	x 2.0 mm	x 12 mm	(10)	1514042°
16	x 2.0 mm	x 14 mm	(10)	1514040°
16	x 2.0 mm	x 15 mm	(10)	1514043°
16	x 2.0 mm	x 16 mm	(10)	1514044°
20	x 2.5 mm	x 15 mm	(10)	1514054°
20	x 2.5 mm	x 16 mm	(10)	1514055°
20	x 2.5 mm	x 18 mm	(10)	1514045°
20	x 2.5 mm	x 22 mm	(10)	1514046°
26	x 3.0 mm	x 22 mm	(5)	1514047°

For changing over from copper press systems and stainless steel press systems to composition pipe "Copipe".
Not suitable for solder connection.

Article	Packing unit	Article-No.	Hint
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"Cofit P" Press elbows
bronze, dimensions 40, 50 and 63 mm
made of brass,
stainless steel casing,
for composition pipe "Copipe"

Universal application for heating and cooling systems and sanitary installations.

Approvals:
DVGW for all dimensions.
ATEC, CSTBat and ÖNORM up to dimension 40.

Male thread for sealing according to EN 10226.

Press connection elbow with male thread



16	x 2.0 mm	x R 3/8	(10)	1512344°
16	x 2.0 mm	x R 1/2	(10)	1512343°
20	x 2.5 mm	x R 3/8	(10)	1512358°
20	x 2.5 mm	x R 1/2	(10)	1512345°
20	x 2.5 mm	x R 3/4	(10)	1512346°
26	x 3.0 mm	x R 3/4	(5)	1512347°
26	x 3.0 mm	x R 1	(5)	1512357°
32	x 3.0 mm	x R 1	(5)	1512348°
40	x 3.5 mm	x R 1 1/4	(5)	1512349°

Press connection elbow with female thread



16	x 2.0 mm	x Rp 1/2	(10)	1512443°
20	x 2.5 mm	x Rp 1/2	(10)	1512445°
20	x 2.5 mm	x Rp 3/4	(10)	1512446°
26	x 3.0 mm	x Rp 3/4	(5)	1512447°
26	x 3.0 mm	x Rp 1	(5)	1512448°
32	x 3.0 mm	x Rp 1	(5)	1512449°
50	x 4.5 mm	x Rp 1 1/2		1512456°

Female thread for sealing according to DIN EN 10226.

Press angle pattern fitting with female thread



20	x 2.5 mm	x Rp 3/4	(5)	1512745°
26	x 3.0 mm	x Rp 1	(5)	1512747°

For instance for the connection of the composition pipe "Copipe" to hot water storage cylinders.

Press connection elbow with collar nut



16	x 2.0 mm	x G 3/8	(10)	1512751°
16	x 2.0 mm	x G 1/2	(10)	1512752°
16	x 2.0 mm	x G 3/4	(10)	1512753°
20	x 2.5 mm	x G 3/4	(10)	1512755°
26	x 3.0 mm	x G 3/4	(5)	1512757°

With flat seal.
For instance for flat sealing Oventrop valves and fittings.

Press elbow 90°









16	x 16 mm		(10)	1512843°
20	x 20 mm		(10)	1512845°
26	x 26 mm		(5)	1512847°
32	x 32 mm		(5)	1512849°
40	x 40 mm		(5)	1512851°
50	x 50 mm			1512852°
63	x 63 mm			1512853°

Press elbow 45°



32	x 32 mm		(5)	1512949°
40	x 40 mm		(5)	1512951°
50	x 50 mm			1512952°
63	x 63 mm			1512953°

Article			Packing unit	Article-No.	Hint
"Cofit P" Press T-pieces bronze, dimensions 40, 50 and 63 mm made of brass, stainless steel casing, for composition pipe "Copipe"					Universal application for heating and cooling systems and sanitary installations. Approvals: DVGW for all dimensions. ATEC, CSTBat and ÖNORM up to dimension 40.
Press T-piece					
	16	x 16	x 16 mm	(10) 1513043°	
	20	x 20	x 20 mm	(10) 1513045°	
	26	x 26	x 26 mm	(5) 1513046°	
	32	x 32	x 32 mm	(5) 1513047°	
	40	x 40	x 40 mm	(5) 1513048°	
	50	x 50	x 50 mm	1513049°	
	63	x 63	x 63 mm	1513050°	
Press T-piece, reduced central port					
	20	x 16	x 20 mm	(10) 1513155°	
	26	x 16	x 26 mm	(5) 1513156°	
	26	x 20	x 26 mm	(5) 1513157°	
	32	x 16	x 32 mm	(5) 1513158°	
	32	x 20	x 32 mm	(5) 1513159°	
	32	x 26	x 32 mm	(5) 1513160°	
	40	x 20	x 40 mm	(5) 1513162°	
	40	x 26	x 40 mm	(5) 1513163°	
	40	x 32	x 40 mm	(5) 1513164°	
	50	x 40	x 50 mm	1513165°	
	63	x 40	x 63 mm	1513167°	50 mm made of brass.
Press T-piece, reduced straight port					
	20	x 20	x 16 mm	(10) 1513255°	
	26	x 26	x 20 mm	(5) 1513257°	
Press T-piece, reduced central and straight port					
	20	x 16	x 16 mm	(10) 1513354°	
	26	x 16	x 20 mm	(5) 1513356°	
	26	x 20	x 20 mm	(5) 1513358°	
	32	x 20	x 26 mm	(5) 1513361°	
	40	x 26	x 32 mm	(5) 1513365°	
Press T-piece, enlarged central port					
	16	x 20	x 16 mm	(10) 1513454°	
	20	x 26	x 20 mm	(5) 1513457°	
	26	x 32	x 26 mm	(5) 1513460°	
Press connection T-piece with female thread					Female thread for sealing according to DIN EN 10226.
	16	x Rp 1/2	x 16 mm	(10) 1513643°	
	20	x Rp 1/2	x 20 mm	(10) 1513645°	
	26	x Rp 1/2	x 26 mm	(5) 1513647°	
	26	x Rp 3/4	x 26 mm	(5) 1513648°	
	32	x Rp 1/2	x 32 mm	(5) 1513649°	
	32	x Rp 1	x 32 mm	(5) 1513651°	
	40	x Rp 1/2	x 40 mm	(5) 1513652°	
	40	x Rp 1	x 40 mm	(5) 1513655°	
	50	x Rp 1	x 50 mm	1513656°	
	63	x Rp 1	x 63 mm	1513658°	

Article	Packing unit	Article-No.	Hint
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"Cofit P" Press fittings
stainless steel casing,
for composition pipe "Copipe"

Application:
Central heating systems with circulation pump and cooling systems.

Press connection with male thread
bronze, nickel plated

Max. pressure and temperature:
10 bar, 95 °C.



16	x 2.0 mm x R 3/8	(10)	1512062°
16	x 2.0 mm x R 1/2	(10)	1512063°
20	x 2.5 mm x R 1/2	(10)	1512065°

For valves and radiator lockshield valves "Combi 2, 3 and 4" as well as nickel plated valves and fittings of other manufacturers with Rp 1/2 female thread.

Press connection with collar nut
bronze, nickel plated

With spherical sealing surface.
Metal to metal seal against tapered surface, for instance for Oventrop distributors/collectors as well as valves and controls with G 3/4 compression connection.



16	x 2.0 mm x G 3/4 c/nut	(10)	1512163°
20	x 2.5 mm x G 3/4 c/nut	(10)	1512165°

brass resistant to dezincification, nickel plated

With flat seal.
For instance for flat sealing Oventrop valves and fittings.



16	x 2.0 mm x G 3/8 c/nut	(10)	1512171°
16	x 2.0 mm x G 1/2 c/nut	(10)	1512172°

Cross fitting with press connection
brass, unplated

With insulation box.



16	x 16 mm x 16 mm		1514653°
20	x 16 mm x 16 mm		1514654°
20	x 16 mm x 20 mm		1514655°

Pressure test plug with deaeration
brass
Set = 10 pieces, for composition pipe "Copipe"

Max. pressure 20 bar.



16	x 2.0 mm	(10)	1506085
20	x 2.5 mm	(10)	1506087
26	x 3.0 mm	(10)	1506088
32	x 3.0 mm	(10)	1506089

Radiator connection block
with composition pipe "Copipe" 16 x 2.0 mm
insulation made of expanded polystyrene

For simple radiator connection.














(10)	1015645°
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"Multimodul" Radiator connection





1015651



Article	Packing unit	Article-No.	Hint	
	Radiator connection T-piece nickel plated, pipe made of copper, fitting made of brass for composition pipe "Copepe"		Height = 300 mm. Copper pipe: Ø 15 x 1.0 mm, Suitable compression fittings for instance item no. 1027443. Valid for item no. 1515143, 1515146 and 1515243.	
	16	x 2.0 mm	(10) 1515143°	
	20	x 2.5 mm	(10) 1515146°	
	16	x 2.0 mm	(10) 1515144°	Height: 750 mm
	Radiator connection elbow nickel plated, pipe made of copper, fitting made of brass for composition pipe "Copepe"		Height: 750 mm	
	16	x 2.0 mm	(10) 1515243	
	16	x 2.0 mm	(10) 1515244°	
	Fixing set for radiator connection elbow		(10) 1515290°	

Article	Packing unit	Article-No.	Hint
"Cofit P" Wall mounted connection pieces with press connection bronze, stainless steel casing, for composition pipe "Copipe"			Approvals: DVGW for all dimensions. ATEC, CSTBat and ÖNORM up to dimension 40. For the connection of apparatus, valves and fittings. Fixing and insulating material available from specialist stores.
Wall mounted connection piece with press connection, 90°, short model			
	16 x 2.0 mm x Rp 1/2	(10) 1517053°	
	20 x 2.5 mm x Rp 1/2	(10) 1517055°	
	20 x 2.5 mm x Rp 3/4	(10) 1517056°	
Wall mounted connection piece with press connection, 90°, long model			
	16 x 2.0 mm x Rp 1/2	(10) 1517043°	
	20 x 2.5 mm x Rp 1/2	(10) 1517045°	
Sound absorbing set			
		(10) 1518074°	For wall mounted connection pieces item no. 1517053/55/56 and 1537053/55/56.
	Sound absorbing set	(10) 1518070°	For wall mounted connection pieces item no. 1517043/45 and 1537043/45.
Wall mounted connection piece with press connection, angle pattern			
	16 x 16 mm x Rp 1/2	(10) 1517143°	
	20 x 20 mm x Rp 1/2	(10) 1517145°	
Wall mounted connection piece with press connection, straight pattern			
	16 x 16 mm x Rp 1/2	(10) 1517243°	For long model.
	20 x 20 mm x Rp 1/2	(10) 1517245°	
	16 x 16 mm x Rp 1/2	(10) 1517253°	For short model.
	20 x 20 mm x Rp 1/2	(10) 1517255°	
Wall traverse with press connection, 90° with fixing set G 3/4			
	16 x 2.0 mm x Rp 1/2	(10) 1517343°	
	20 x 2.5 mm x Rp 1/2	(10) 1517345°	
Flush-mounted elbow for cisterns with press connection with fixing set G 3/4			
	16 x 2.0 mm x Rp 1/2	(10) 1517443°	
Press connection with female thread with locking device			For flush mounting, for instance for outdoor taps.
	16 x 2.0 mm x Rp 1/2	(10) 1517643°	
	20 x 2.5 mm x Rp 1/2	(10) 1517645°	

3.4

Article	Packing unit	Article-No.	Hint	
Brackets with wall mounted connection pieces, short model and sound insulation				
	Wall mounted connection piece	Gauge for bore holes		
16 x 2.0 mm	x Rp 1/2	153 mm (5)	1518183°	With flat bracket.
16 x 2.0 mm	x Rp 1/2	80 mm (5)	1518184°	
16 x 2.0 mm	x Rp 1/2	100 mm (5)	1518185°	
Brackets with wall mounted connection pieces, long model with sound insulation				
				With cranked bracket.
16 x 2.0 mm	x Rp 1/2	153 mm (5)	1518186°	
20 x 2.5 mm	x Rp 1/2	153 mm (5)	1518187°	
16 x 2.0 mm	x Rp 1/2	80 mm (5)	1518188°	
16 x 2.0 mm	x Rp 1/2	100 mm (5)	1518189°	
Brackets with wall mounted connection pieces, long model with sound insulation				
				With cranked bracket.
16 x 2.0 mm	x Rp 1/2	80 mm (5)	1518198°	
16 x 2.0 mm	x Rp 1/2	100 mm (5)	1518199°	
				
16 x 2.0 mm	x Rp 1/2	153 mm (5)	1518196°	
20 x 2.5 mm	x Rp 1/2	153 mm (5)	1518197°	
Pressure test plug plastic, self sealing				
	G 1/2 M	(50)	1506092°	
	G 3/4 M	(50)	1506093°	

3.4.c "Cofit PD" Press connection technology (bronze, pressing must be carried out to tighten the connection)



Content

"Cofit PD" Press fittings	626
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"Cofit PD" Wall mounted connection pieces with press connection	631

Article	Packing unit	Article-No.	Hint
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"Cofit PD" Press fittings
designed not to seal
in an uncompressed condition,
bronze, dimensions 40, 50 and 63 mm
made of brass,
stainless steel casing,
for composition pipe "Copipe"

Universal application for heating and cooling systems and sanitary installations.

Approval: DVGW
Dimension 26: DVGW in preparation



Press connection with male thread
unplated

For valves with female threaded connection.

16	x 2.0 mm	x R 3/8	(10)	1532044°
50	x 4.5 mm	x R 1 1/2		1532056°
63	x 6.0 mm	x R 2		1532057°
16	x 2.0 mm	x R 1/2	(10)	1532043°
20	x 2.5 mm	x R 3/8	(10)	1532047°
20	x 2.5 mm	x R 1/2	(10)	1532045°
20	x 2.5 mm	x R 3/4	(10)	1532046°
26	x 3.0 mm	x R 3/4	(5)	1532048°
26	x 3.0 mm	x R 1	(5)	1532049°
32	x 3.0 mm	x R 1	(5)	1532051°
40	x 3.5 mm	x R 1 1/4		1532054°



Press connection with collar nut
unplated

With flat seal.
For instance for flat sealing Oventrop valves and fittings.

16	x 2.0 mm	x G 3/8 c/nut	(10)	1532141°
16	x 2.0 mm	x G 3/4 c/nut	(10)	1532143°
20	x 2.5 mm	x G 1/2 c/nut	(10)	1532144°
20	x 2.5 mm	x G 3/4 c/nut	(10)	1532145°
26	x 3.0 mm	x G 3/4 c/nut		1532146
26	x 3.0 mm	x G 1 c/nut	(5)	1532147°
32	x 3.0 mm	x G 1 c/nut		1532148°
32	x 3.0 mm	x G 1 1/4 c/nut	(5)	1532149°
40	x 3.5 mm	x G 1 1/2 c/nut		1532151°
50	x 4.5 mm	x G 1 3/4 c/nut		1532156°
63	x 6.0 mm	x G 2 3/8 c/nut		1532157°



Press connection with female thread

For changing over to different pipe material and for valves and fittings with male threaded connection for sealing.

16	x 2.0 mm	x Rp 1/2	(10)	1532243°
20	x 2.5 mm	x Rp 1/2	(10)	1532245°
20	x 2.5 mm	x Rp 3/4	(10)	1532246°
26	x 3.0 mm	x Rp 3/4	(5)	1532247°
26	x 3.0 mm	x Rp 1	(5)	1532248°
32	x 3.0 mm	x Rp 1	(5)	1532249°
40	x 3.5 mm	x Rp 1 1/4		1532252°
50	x 4.5 mm	x Rp 1 1/2		1532256°
63	x 6.0 mm	x Rp 2		1532257°



Press coupling

16	x 2 mm	x 16 x 2 mm	(10)	1532543
20	x 2.5 mm	x 20 x 2.5 mm	(10)	1532545
26	x 3 mm	x 26 x 3 mm	(5)	1532546
32	x 3 mm	x 32 x 3 mm	(5)	1532547
40	x 3.5 mm	x 40 x 3.5 mm		1532548°
50	x 4.5 mm	x 50 x 4.5 mm		1532549°
63	x 6 mm	x 63 x 6 mm		1532550°

Article	Packing unit	Article-No.	Hint
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Press reducing coupling

20	x 16 mm	(10)	1532655°
26	x 16 mm	(5)	1532656°
26	x 20 mm	(5)	1532657°
32	x 20 mm	(5)	1532659°
32	x 26 mm	(5)	1532660°
40	x 20 mm		1532662°
40	x 26 mm		1532663°
40	x 32 mm		1532664°
50	x 40 mm		1532665°
50	x 32 mm		1532666°
63	x 40 mm		1532668°
63	x 50 mm		1532669°



Press connection coupling

16	x 2.0 mm	x 10 mm	(10)	1534041°
26	x 3.0 mm	x 22 mm	(5)	1534047°
16	x 2.0 mm	x 12 mm	(10)	1534042°
16	x 2.0 mm	x 14 mm	(10)	1534040°
16	x 2.0 mm	x 15 mm	(10)	1534043°
16	x 2.0 mm	x 16 mm	(10)	1534044°
20	x 2.5 mm	x 15 mm	(10)	1534054°
20	x 2.5 mm	x 16 mm		1534055°
20	x 2.5 mm	x 18 mm	(10)	1534045°
20	x 2.5 mm	x 22 mm	(10)	1534046°

For changing over from copper press systems and stainless steel press systems to composition pipe "Copipe".
Not suitable for solder connection.

Article	Packing unit	Article-No.	Hint
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"Cofit PD" Press elbows
designed not to seal
in an uncompressed condition,
bronze, dimensions 40, 50 and 63 mm
made of brass,
stainless steel casing,
for composition pipe "Copepe"

Universal application for heating and cooling systems and sanitary installations.

Approval: DVGW
Dimension 26: DVGW in preparation

Press connection elbow with male thread

Male thread for sealing according to EN 10226.



16	x 2.0 mm	x R 3/8	(10)	1532344°
16	x 2.0 mm	x R 1/2	(10)	1532343°
20	x 2.5 mm	x R 3/8	(10)	1532358°
20	x 2.5 mm	x R 1/2	(10)	1532345°
20	x 2.5 mm	x R 3/4	(10)	1532346°
32	x 3.0 mm	x R 1	(5)	1532348°
26	x 3.0 mm	x R 3/4	(5)	1532347°
26	x 3.0 mm	x R 1	(5)	1532357°

Press connection elbow with female thread

Female thread for sealing according to EN 10226.



16	x 2.0 mm	x Rp 1/2	(10)	1532443°
20	x 2.5 mm	x Rp 1/2	(10)	1532445°
20	x 2.5 mm	x Rp 3/4	(10)	1532446°
26	x 3.0 mm	x Rp 3/4	(5)	1532447°
26	x 3.0 mm	x Rp 1	(5)	1532448°
32	x 3.0 mm	x Rp 1	(5)	1532449°

Press angle pattern fitting with female thread

For instance for the connection of the composition pipe "Copepe" to hot water storage cylinders.



20	x 2.5 mm	x Rp 3/4	(5)	1532745°
26	x 3.0 mm	x Rp 1		1532747°

Press connection elbow with collar nut

With flat seal.
For instance for flat sealing Oventrop valves and fittings.



16	x 2.0 mm	x G 3/8 c/nut	(10)	1532751°
16	x 2.0 mm	x G 1/2 c/nut	(10)	1532752°
16	x 2.0 mm	x G 3/4 c/nut	(10)	1532753°
20	x 2.5 mm	x G 3/4 c/nut	(10)	1532755°
26	x 3.0 mm	x G 3/4 c/nut	(5)	1532757°

Press elbow 90°



16	x 16 mm		(10)	1532843°
20	x 20 mm		(10)	1532845°
26	x 26 mm		(5)	1532847°
32	x 32 mm		(5)	1532849°
50	x 50 mm			1532851°
50	x 50 mm			1532852°
63	x 63 mm			1532853°

Press elbow 45°

32	x 32 mm		(5)	1532949°
40	x 40 mm			1532951°
50	x 50 mm			1532952°
63	x 63 mm			1532953°

Article	Packing unit	Article-No.	Hint
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"Cofit PD" Press T-pieces
designed not to seal
in an uncompressed condition,
bronze, dimensions 40, 50 and 63 mm
made of brass,
stainless steel casing,
for composition pipe "Copeipe"

Universal application for heating and cooling systems and sanitary installations.

Approval: DVGW
Dimension 26: DVGW in preparation

Press T-piece



16	x 16	x 16 mm	(10)	1533043°
20	x 20	x 20 mm	(10)	1533045°
26	x 26	x 26 mm	(5)	1533046°
32	x 32	x 32 mm	(5)	1533047°
40	x 40	x 40 mm		1533048°
50	x 50	x 50 mm		1533049°
63	x 63	x 63 mm		1533050°

Press T-piece, reduced central port



20	x 16	x 20 mm	(10)	1533155°
26	x 16	x 26 mm	(5)	1533156°
26	x 20	x 26 mm	(5)	1533157°
32	x 16	x 32 mm	(5)	1533158°
32	x 20	x 32 mm	(5)	1533159°
32	x 26	x 32 mm	(5)	1533160°
40	x 20	x 40 mm		1533162°
40	x 26	x 40 mm		1533163°
40	x 32	x 40 mm		1533164°
50	x 40	x 50 mm		1533165°
63	x 40	x 63 mm		1533167°

Press T-piece, reduced straight port



20	x 20	x 16 mm	(10)	1533255°
26	x 26	x 20 mm	(5)	1533257°

Press T-piece, reduced central and straight port



20	x 16	x 16 mm	(10)	1533354°
26	x 16	x 20 mm	(5)	1533356°
26	x 20	x 20 mm	(5)	1533358°
32	x 20	x 26 mm	(5)	1533361°

Press T-piece, enlarged central port



16	x 20	x 16 mm	(10)	1533454°
20	x 26	x 20 mm	(5)	1533457°
26	x 32	x 26 mm	(5)	1533460°

Press connection T-piece with female thread



16	x Rp 1/2	x 16 mm	(10)	1533643°
20	x Rp 1/2	x 20 mm	(10)	1533645°
26	x Rp 1/2	x 26 mm	(5)	1533647°
26	x Rp 3/4	x 26 mm	(5)	1533648°
32	x Rp 1/2	x 32 mm	(5)	1533649°
32	x Rp 1	x 32 mm	(5)	1533651°
40	x Rp 1/2	x 40 mm		1533652°
40	x Rp 1	x 40 mm		1533655°
50	x Rp 1	x 50 mm		1533656°
63	x Rp 1	x 63 mm		1533658°

Female thread for sealing according to DIN EN 10226.

Article	Packing unit	Article-No.	Hint
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"Cofit PD" Press fittings

designed not to seal in an uncompressed condition, stainless steel casing, for composition pipe "Copipe"

Application:
Central heating systems with circulation pump and cooling systems.

Max. pressure and temperature:
10 bar, 95 °C



Press connection with male thread
brass resistant to dezincification, nickel plated

16	x 2.0 mm	x R 3/8	(10)	1532062°
16	x 2.0 mm	x R 1/2	(10)	1532063°
20	x 2.5 mm	x R 1/2	(10)	1532065°

For valves and radiator lockshield valves "Combi 2, 3 and 4" as well as nickel plated valves and fittings with Rp 1/2 female thread of other manufacturers.



Press connection with collar nut
brass resistant to dezincification, nickel plated

16	x 2.0 mm	x G 3/4 c/nut	(10)	1532163°
20	x 2.5 mm	x G 3/4 c/nut	(10)	1532165°

With spherical sealing surface. Metal to metal seal against tapered surface, for instance for Oventrop distributors/collectors as well as valves and controls with compression connection G 3/4.



brass resistant to dezincification, nickel plated

16	x 2.0 mm	x G 3/4 c/nut	(10)	1532171°
16	x 2.0 mm	x G 1/2 c/nut	(10)	1532172°
20	x 2.5 mm	x G 1 c/nut	(10)	1532173°

With flat seal. For instance flat sealing Oventrop valves and fittings.



Cross fitting with press connection
brass, unplated

16	x 16	x 16 mm		1534653°
20	x 16	x 16 mm		1534654°
20	x 16	x 20 mm		1534655°

With insulation box.

Radiator connection T-piece

nickel plated, pipe made of copper, fitting made of brass for composition pipe "Copipe"

16	x 2.0 mm			1535143°
20	x 2.5 mm			1535146°
16	x 2.0 mm			1535144°

Height: 300 mm
Copper pipe: Ø 15 x 1.0 mm
Suitable compression fittings: e.g. item no. 1027443
Valid for item no. 1535143, 1535146 and 1535243.






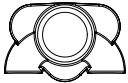


Height: 750 mm






Radiator connection elbow

nickel plated, pipe made of copper, fitting made of brass for composition pipe "Copipe"

16	x 2.0 mm			1535243°
16	x 2.0 mm			1535244°

Height: 750 mm

Article	Packing unit	Article-No.	Hint
"Cofit PD" Wall mounted connection pieces with press connection designed not to seal in an uncompressed condition, bronze, stainless steel casing, for composition pipe "Copepe"			Universal application for heating and cooling systems and sanitary installations. Approval: DVGW Dimension 26: DVGW in preparation
Wall mounted connection piece with press connection, 90°, short model			Fixing and insulating material available from specialist stores. For the connection of apparatus, valves and fittings.
	16 x 2.0 mm x Rp 1/2	(10) 1537053°	
	20 x 2.5 mm x Rp 1/2	(10) 1537055°	
	20 x 2.5 mm x Rp 3/4	(10) 1537056°	
Wall mounted connection piece with press connection, 90°, long model			
	16 x 2.0 mm x Rp 1/2	(10) 1537043°	
	20 x 2.5 mm x Rp 1/2	(10) 1537045°	
Sound absorbing set			
		(10) 1518074°	For wall mounted connection pieces item no. 1517053/55/56 and 1537053/55/56. For wall mounted connection pieces item no. 1517043/45 and 1537043/45.
	Sound absorbing set	(10) 1518070°	
Wall mounted connection piece with press connection, angle pattern			
	16 x 16 mm x Rp 1/2	(10) 1537143°	
	20 x 20 mm x Rp 1/2	(10) 1537145°	
Wall mounted connection piece with press connection, U-shape			
	16 x 16 mm x Rp 1/2	(10) 1537141°	
	20 x 20 mm x Rp 1/2	(10) 1537142°	
	20 x 16 mm x Rp 1/2	(10) 1537146°	
	26 x 20 mm x Rp 1/2	(10) 1537147°	
	26 x 26 mm x Rp 1/2	(10) 1537148°	
Sound absorbing set for U-shaped wall mounting connection piece			
		(10) 1539946°	For wall mounted connection piece item no. 1537146. For wall mounted connection pieces item no. 1537147/ 48.
		(10) 1539947°	
Wall mounted connection piece with press connection, straight pattern			
	16 x 16 mm x Rp 1/2	(10) 1537243°	For long model.
	20 x 20 mm x Rp 1/2	(10) 1537245°	
	16 x 16 mm x Rp 1/2	(10) 1537253°	For short model.
	20 x 20 mm x Rp 1/2	(10) 1537255°	
Wall traverse with press connection, 90° with fixing set G 3/4			
	16 x 2.0 mm x Rp 1/2	(10) 1537343°	
	20 x 2.5 mm x Rp 1/2	(10) 1537345°	

Article	Packing unit	Article-No.	Hint
			
Flush-mounted elbow for cisterns with press connection			
with fixing set G ¼			
16 x 2.0 mm x Rp ½	(10)	1537443°	
			
Press connection with female thread			
with locking device			
20 x 2.5 mm x Rp ½	(10)	1537645°	For flush mounting, for instance for outdoor taps.
			
Brackets			
with wall mounted connection pieces, short model and sound insulation			
Wall mounted connection piece		Gauge for bore holes	
16 x 2.0 mm x Rp ½	(5)	80 mm	1538184°
16 x 2.0 mm x Rp ½	(5)	100 mm	1538185°
16 x 2.0 mm x Rp ½	(5)	153 mm	1538183°
16 x 2.0 mm x Rp ½	(5)	153 mm	1538186°
16 x 2.0 mm x Rp ½	(5)	80 mm	1538188°
16 x 2.0 mm x Rp ½	(5)	100 mm	1538189°
20 x 2.5 mm x Rp ½	(5)	153 mm	1538187°
			
with wall mounted connection pieces, long model and sound insulation			
16 x 2.0 mm x Rp ½	(5)	80 mm	1538198°
16 x 2.0 mm x Rp ½	(5)	100 mm	1538199°
			
16 x 2.0 mm x Rp ½	(5)	153 mm	1538196°
20 x 2.5 mm x Rp ½	(5)	153 mm	1538197°

3.4

3.4.d "Cofit PDK" Press connection technology (plastic, pressing must be carried out to tighten the connection)

Content



"Cofit PDK" Press fittings

634

Article	Packing unit	Article-No.	Hint
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"Cofit PDK" Press fittings
designed not to seal
in an uncompressed condition,
plastic (PPSU)
stainless steel casing
for composition pipe "Copipe"

Universal application for heating and cooling systems and sanitary installations.

DVGW approval in preparation.

Press coupling



16 x 2 mm	x 16 x 2 mm	(10)	1522543
20 x 2.5 mm	x 20 x 2.5 mm	(10)	1522545

Press reducing coupling



20 x 16 mm	(10)	1522655°
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Press elbow 90°



16 x 16 mm	(10)	1522843°
20 x 20 mm	(10)	1522845°

Press T-piece



16 x 16 x 16 mm	(10)	1523043°
20 x 20 x 20 mm	(10)	1523045°

Press T-piece, reduced central port



20 x 16 x 20 mm	(10)	1523155°
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Press T-piece, reduced straight port



20 x 20 x 16 mm	(10)	1523255°
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Press T-piece, reduced central and straight port



20 x 16 x 16 mm	(10)	1523354°
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Press T-piece, enlarged central port



16 x 20 x 16 mm	(10)	1523454°
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3.4

3.4.e "Cofit S" Screwed connection technology

Content



"Cofit S" Compression fittings	636
"Cofit S" Compression fittings, female thread	636
"Cofit S" Nipples	636
"Cofit S" Connection pieces	636
"Cofit S" Screwed fittings	637
"Cofit S" Wall mounted connection pieces	639
"Cofit S" Brackets with wall mounted connection pieces	639

Article	Packing unit	Article-No.	Hint
"Cofit S" Compression fittings for G 3/4 male thread according to DIN EN 16313 (cone "Euro") DVGW reg. no. DW-8501AT2407			Universal application for heating and cooling systems and sanitary installations. For DVGW approved composition pipe "Copipe" and PE-X plastic pipes for the same dimension and same processing. Installation instructions are to be followed. For nickel plated valves, radiator lockshield valves and other valves and fittings with G 3/4 male thread, with tapered seal and O-ring seal. For distributors and fittings installed in risers and distributor pipes, with tapered seal and O-ring seal.
Collar nut nickel plated			
	14 x 2.0 mm	x G 3/4 c/nut (10) 1507954	
	16 x 2.0 mm	x G 3/4 c/nut (10) 1507955	
	18 x 2.0 mm	x G 3/4 c/nut (10) 1507958	
	20 x 2.5 mm	x G 3/4 c/nut (10) 1507960	
Collar nut unplated			
	14 x 2.0 mm	x G 3/4 c/nut (10) 1507974 ^o	
	16 x 2.0 mm	x G 3/4 c/nut (10) 1507975 ^o	
	20 x 2.5 mm	x G 3/4 c/nut (10) 1507980 ^o	
	26 x 3.0 mm	x G 1 c/nut (10) 1507983	
	32 x 3.0 mm	x G 1 1/4 c/nut (10) 1507985	
"Cofit S" Compression fittings, female thread outlet made of brass resistant to dezincification, brass compression ring, compression nut made of nickel plated brass			For Oventrop valves and radiator lockshield valves with female thread Rp 1/2 and compression ends. No sealing required. Not suitable for thermostatic valves "RF".
	14 x 2.0 mm	x G 1/2 M (10) 1507354 ^o	
	16 x 2.0 mm	x G 1/2 M (10) 1507355	
"Cofit S" Nipples bronze			For the connection of composition pipes to valves and fittings with female thread according to EN 10226.
nickel plated			
	R 3/8 x G 3/4 M	(25) 1503161 ^o	
	R 1/2 x G 3/4 M	(25) 1503162 ^o	
	R 3/4 x G 3/4 M	(25) 1503164 ^o	
unplated DVGW reg. no. DW-8501AT2407			
	R 3/8 x G 3/4 M	(25) 1503151 ^o	
	R 1/2 x G 3/4 M	(25) 1503152	
	R 3/4 x G 1 M	(10) 1503155 ^o	
	R 1 x G 1 1/4 M	(10) 1503156 ^o	
	R 1 x G 1 M	(10) 1503157 ^o	
"Cofit S" Connection pieces DVGW reg. no. DW-8501AT2407 bronze with flat seal			For the connection of the composition pipe "Copipe" to valves and fittings with male thread. Award:  Pragothem Prague
	G 5/8 F	x G 3/4 M (25) 1503053 ^o	
	G 3/4 F	x G 3/4 M (25) 1503054 ^o	
	G 1 F	x G 1 M (10) 1503055 ^o	
	G 1 1/4 F	x G 1 1/4 M (10) 1503056 ^o	

Article	Packing unit	Article-No.	Hint
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"Cofit S" Screwed fittings
DVGW reg. no. DW-8501AT2407
bronze
for floor to floor distribution and risers

Universal application for heating and cooling systems and sanitary installations.

When using compression fittings with G 3/4 for collar nut, the screwed fittings are suitable for use on composition pipe, copper, precision steel and plastic pipes.

Tapered and cylindrical sealing surface for metal to metal and O-ring sealing.



Double nipple, bronze, unplated

G 3/4 M	x G 3/4 M	(25)	1504054°
G 1 M	x G 1 M	(10)	1504055°
G 1 1/4 M	x G 1 1/4 M	(10)	1504056°



reduced

G 1 M	x G 3/4 M	(10)	1504064°
G 1 1/4 M	x G 1 M	(10)	1504065°
G 1 1/4 M	x G 3/4 M	(10)	1504066°

Connection piece



G 3/4 M	x Rp 1/2	(25)	1504153°
G 3/4 M	x Rp 3/4	(25)	1504154°
G 1 M	x Rp 1	(10)	1504155°
G 1 1/4 M	x Rp 1 1/4	(10)	1504156°

T pieces with male thread



a	b	c		
G 3/4	x G 3/4	x G 3/4	(10)	1504554°
G 1	x G 1	x G 1	(10)	1504555°
G 1 1/4	x G 1 1/4	x G 1 1/4	(5)	1504556°

reduced



a	b	c		
G 3/4	x G 1	x G 3/4	(10)	1504552°
G 3/4	x G 1 1/4	x G 3/4	(5)	1504553°
G 1	x G 3/4	x G 3/4	(10)	1504565°
G 1	x G 3/4	x G 1	(10)	1504564°
G 1	x G 1	x G 3/4	(10)	1504563°
G 1	x G 1 1/4	x G 3/4	(5)	1504575°
G 1	x G 1 1/4	x G 1	(5)	1504572°
G 1 1/4	x G 3/4	x G 3/4	(5)	1504570°
G 1 1/4	x G 3/4	x G 1	(5)	1504574°
G 1 1/4	x G 3/4	x G 1 1/4	(5)	1504568°
G 1 1/4	x G 1	x G 3/4	(5)	1504573°
G 1 1/4	x G 1	x G 1	(5)	1504567°
G 1 1/4	x G 1	x G 1 1/4	(5)	1504566°
G 1 1/4	x G 1 1/4	x G 3/4	(5)	1504569°
G 1 1/4	x G 1 1/4	x G 1	(5)	1504571°

T-bridging piece with male thread



G 3/4	x G 3/4	x G 3/4	(5)	1504754°
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To create junction points when using the T-piece, item no. 1504554.



Cross connection piece
brass

Article	Packing unit	Article-No.	Hint	
G 1	x G 1	x G 3/4	x G 3/4 (10) 1505565°	
G 1 1/4	x G 1 1/4	x G 3/4	x G 3/4 (10) 1505566°	
G 1 1/4	x G 1	x G 3/4	x G 3/4 (10) 1505567°	

Elbow 90°



G 3/4 M	x G 3/4 M	(10) 1504454°	
G 1 M	x G 1 M	(10) 1504455°	
G 1 1/4 M	x G 1 1/4 M	(10) 1504456°	

Connection elbow 90 °



G 3/4 M	x Rp 1/2	(10) 1504353°	To extend the sanitary distributor for one connection.
G 3/4 M	x Rp 3/4	(10) 1504354°	
G 1 M	x Rp 1	(10) 1504355°	
G 1 1/4 M	x Rp 1 1/4	(5) 1504356°	

Connection elbow 90 °



G 3/4 M	x R 1/2	(10) 1504363°	For instance for the connection of the composition pipe "Copipe" to flush-mounted valves and fittings.
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To extend the sanitary distributor for one connection.

For instance for the connection of the composition pipe "Copipe" to flush-mounted valves and fittings.








Article	Packing unit	Article-No.	Hint
"Cofit S" Wall mounted connection pieces DVGW reg. no. DW-8501AT2407 bronze			For the connection of apparatus, valves and fittings. Fixing and insulating material available from specialist stores.
Wall mounted connection piece			
G ¾ M	x Rp ½	(25) 1506053°	
G ¾ M	x Rp ¾	(25) 1506054°	
Wall mounted connection piece, angle pattern			
G ¾ M	x Rp ½ x G ¾ M	(25) 1506153°	
Wall mounted connection piece, straight pattern			
G ¾ M	x Rp ½ x G ¾ M	(25) 1506253°	
Wall traverse 90° with fixing set G ¾			
G ¾ M	x Rp ½	(5) 1506553°	
Flush-mounted elbow for cisterns with fixing set G ¾			
G ¾ M	x Rp ½	(10) 1506653°	
"Cofit S" Brackets with wall mounted connection pieces			
Wall mounted connection piece		Gauge for bore holes	
G ¾ M	x Rp ½	80 mm (10) 1506073°	With flat bracket.
G ¾ M	x Rp ½	100 mm (10) 1506075°	With flat bracket.
G ¾ M	x Rp ½	80 mm (10) 1506176°	With cranked bracket.
G ¾ M	x Rp ½	100 mm (10) 1506177°	
G ¾ M	x Rp ½	153 mm (10) 1506178°	
Pressure test plug plastic, self sealing			
G ½ M		(50) 1506092°	
G ¾ M		(50) 1506093°	



3.4.f Fixing material and accessories for pipes

Content

Fixing material	642
Accessories	642

Article	Packing unit	Article-No.	Hint
Fixing material for pipes			To fix the pipework on concrete flooring.
	Single dowel hook plastic		
for pipes with an outer diameter of up to 32 mm	(50)	1509091°	
	Double dowel hook plastic		
for pipes with an outer diameter of up to 32 mm	(50)	1509092°	
	Single dowel hook "Maxi" plastic		To fix insulated pipework on concrete flooring. No allowance for insulating material required.
for insulated pipes with an outer diameter of up to 55 mm	(50)	1509093°	
	Single pipe clip plastic		With thread M 6. To fix the pipework on the wall.
for pipes with an outer diameter of			
14 mm	(100)	1509151°	
16 mm	(100)	1509152°	
20 mm	(100)	1509153°	
Accessories for pipes			
	Protective tube made of LDPE		For protecting the pipe - at junction points of screed joints according to DIN EN 1264-4 / DIN 18560 T 2 - at the entry points when set in concrete - at the exit points when set in concrete
Length: 300 mm, slotted, for 14, 16 and 17 mm pipes	(20)	1501184	Only sold in units of 20 protective tubes per bag.
	Single rosette cover plastic		Outer diameter of the covers: 56 mm
for pipes with an outer diameter of			
14 mm		1509661°	
16 mm		1509662°	
	Distance between pipe centres 50 mm Perforation		
12 mm	(25)	1016671°	
14 mm	(25)	1016672°	
15 mm	(25)	1016673	
16 mm	(25)	1016674	
18 mm	(25)	1016675°	



3.4.g Tools

Content

Tools	644
Press tools	648
Accessories	649

Article Article-No. Hint

Tools
for pipes



Pipe cutter
with special cutting wheel

For cutting the pipes at right angles, one tool for all diameters.
Spare cutting wheel in the grip.

up to 32 mm diameter
Spare cutting wheel

1509580°
1509588°

For pipe cutter 1509580.



up to 63 mm diameter
Spare cutting wheel

1509589°
1509593°

For pipe cutter 1509589.



Pipe shears
up to 20 mm diameter

with protective tube cutter

1509567°



Spare cutter for composition pipe
Spare cutter for protective tube

1509568°
1509569°

Universal tool
for deburring and calibrating
mandrels made of stainless steel

For calibrating and deburring the pipes at the same time. By calibrating and chamfering the pipe ends, optimal fitting conditions are ensured for the reinforcing sleeves of the press fittings "Cofit P" and for the outlets of the compression fittings "Cofit S".



for pipes 14 x 2.0 mm
for pipes 16 x 2.0 mm
for pipes 20 x 2.5 mm
for pipes 26 x 3.0 mm
for pipes 32 x 3.0 mm

1509594



for pipes 14 x 2.0 mm
for pipes 16 x 2.0 mm
for pipes 18 x 2.0 mm
for pipes 20 x 2.0 mm
for pipes 26 x 3.0 mm

1509596°



for pipes 40 x 3.5 mm

1519593°








Mandrels
for universal tool
for deburring and calibrating
made of stainless steel



for pipes 14 x 2.0 mm
for pipes 16 x 2.0 mm
for pipes 20 x 2.5 mm
for pipes 26 x 3.0 mm
for pipes 32 x 3.0 mm

1509570°
1509571°
1509573°
1509574°
1509575°

3.4

Article	Article-No.	Hint
	<p>Smoothing tool for deburring and smoothing cutting edge made of hardened stainless steel</p>	
	<p>for pipes 40 x 3.5 mm 1519595°</p>	
	<p>Handgrip for smoothing tool 1519596°</p>	
	<p>Universal tool for deburring and calibrating for pipes 50 x 4.5 mm 1519598° for pipes 63 x 6.0 mm 1519599°</p>	
	<p>Tool case for deburring/calibrating made of plastic 1519590° Content: Deburring and calibrating tools made of tempered stainless steel with protecting cover made of galvanised steel for pipes 14 x 2 mm for pipes 16 x 2 mm for pipes 18 x 2 mm for pipes 20 x 2.5 mm for pipes 26 x 3 mm for pipes 32 x 3 mm for pipes 40 x 3.5 mm</p>	<p>Deburring and calibrating tool with 9 mm hexagon seating. Deburring and calibrating tool for use with rechargeable battery screwdriver up to a max. speed of 500 revolutions/min.</p>
	<p>Content: 1519594° Deburring and calibrating tools made of tempered stainless steel with protecting cover made of galvanised steel with handgrip for pipes 16 x 2 mm for pipes 20 x 2.5 mm for pipes 26 x 3 mm</p>	
	<p>Deburring and calibrating tool made of tempered stainless steel with protecting cover made of galvanised steel for pipes 17 x 2 mm 1519589° for pipes 20 x 2 mm 1519591°</p>	<p>Deburring and calibrating tool with 9 mm hexagon seating.</p>
	<p>Handgrip for deburring and calibrating tool 1519592°</p>	<p>With 9 mm hexagon seating.</p>

Article Article-No. Hint

Pipe bending spring
made of stainless steel
length 600 mm



for pipes 14 x 2.0 mm
for pipes 16 x 2.0 mm
for pipes 20 x 2.5 mm

1509561°
1509562
1509563

Prevents folding and kinking of the pipe, especially when bending small radii by hand. For bending the composition pipe to radii smaller than 5 x D.

Pipe bending tool
for pipes with an outer diameter



14, 16, 18, 20 and 26 mm

1509591°

For the simple construction of even radii for outer pipe dimensions of 14 to 26 mm, mechanical transmission. Pipe bending tools for larger pipe diameters are available from specialist stores, e. g. Tube Bender Maxi of the company Rothenberger.

Holding key
aluminium



Spanner size 24/30

1509585°

For holding the fittings. Simplifies the installation of the compression fittings.

Spanner size 26/37

1509586°

For fittings with G 1¼ male thread or for tightening the G 1 collar nut of the dimension 26 x 3 mm.

Pipe straightener
for composition pipe "Copipe"



16-26 mm

1519461°

Suitable for coil unwinder 1519460.

Ring spanner



Spanner size 30/32

1401091

For the installation of the compression fittings.

Coil unwinder
for pipes



16-26 mm

1519460°

With location for pipe straightener 1519461.

Pipe straightener
for composition pipe "Copipe"



14-26 mm

1519462°

Suitable for adapter and bench mounting set.

Adapter
for pipe straightener and coil unwinder



1519465°

To fix the pipe straightener 1519462 to the coil unwinder 1402096.



Article	Article-No.	Hint
Bench mounting set for pipe straightener	1519466°	To fix the pipe straightener 1519462 to a work bench or a table etc.

Article Article-No. Hint

Press tools
for "Cofit P" press fittings
and pipes

**Press machine 18 V
(Li-Ion rechargeable battery)**
Battery charger
Rechargeable battery 18 V / 3.0 Ah
in a plastic case



1519476°

Machine only as replacement (without plastic case and accessories) available on demand.

Manual press tool
for "Cofit P" 14, 16, 20 and 26 mm



1519482°

Suitable press bits:
Item no. 1519489 (diameter 14 mm)
Item no. 1519491 (diameter 16 mm)
Item no. 1519492 (diameter 20 mm)
Item no. 1519493 (diameter 26 mm)
with two additional location holes.

Press system case
made of sheet steel
Content:
Press bits 16, 20, 26, 32 mm
Pipe cutter
Universal tool for deburring and calibrating



1519490

Type H 16 A,
for pipe Ø 16 mm
Type H 20 A,
for pipe Ø 20 mm
Type H 26 A,
for pipe Ø 26 mm
Type H 32 A,
for pipe Ø 32 mm
Type H 40 A (2G),
for pipe Ø 40 mm



1519491°

1519492°

1519493°

1519494°

1519495°

Suitable for use with the Oventrop press machines item no. 1519476 and 1519480. The Oventrop press bits may also be used with the press machines of the following companies: Geberit type PWH75, Klauke types UAP2, UAP3L, UP2EL, Mannesmann/Novopress types EFP2, ECO1, AFP2, ACO1, Polytherm, Rems, Roller, Rothenberger, Uponor/Unicor, Velta, Viega type 2.

Press bits
Type RN 14,
for pipe Ø 14 x 2 mm
Type RN 17,
for pipe Ø 17 x 2 mm
Type RN 20
for pipe Ø 20 x 2 mm



1519489

1519488

1519481

Only suitable for use with the following press couplings:

Item no. 1512542 (14 x 2 mm)

Item no. 1512544 (17 x 2 mm)







Item no. 1512541 (20 x 2 mm)

Press clamps with auxiliary bits
in a sheet steel case
for Ø 40 mm pipe



1519497°

Suitable for use with the Oventrop press machines item no. 1519476 and 1519480 as well as the press machines of the following companies: Geberit type PWH75, Klauke types UAP2, UAP3L, Mannesmann/Novopress types EFP2, ECO1, AFP2, ACO1, Rems, Viega type 2.

Article	Packing unit	Article-No.	Hint
	<p>Press bits for pipe Ø 50 mm</p>	<p>(2) 1519445[°]</p>	<p>Suitable for use with the Oventrop press machines item no. 1519476 and 1519480 well as the press machines of the following companies: Klauke types UAP2, UAP3L, Uponor/Unicor type UP 75.</p>
	<p>Pressing device for pipe Ø 63 mm</p>	<p>1519446[°]</p>	
	<p>Press machine 18 V (Li-ion rechargeable battery) Battery charger Rechargeable battery 18 V / 1.5 V Ah in a plastic case</p>	<p>1519681[°]</p>	<p>Suitable press bits: Item no. 1519691 (Ø 16 mm) Item no. 1519692 (Ø 20 mm) Item no. 1519693 (Ø 26 mm) Item no. 1519694 (Ø 32 mm) Machine only as replacement (without plastic case) available on demand.</p>
	<p>Press bits for press machine 18 V (Li-ion rechargeable battery) for pipe Ø 16 mm for pipe Ø 20 mm for pipe Ø 26 mm for pipe Ø 32 mm</p>	<p>1519691[°] 1519692[°] 1519693[°] 1519694[°]</p>	<p>Suitable for use with the Oventrop press machine 18 V (rechargeable battery) (item no. 1519681).</p>
<p>Accessories</p>			
	<p>Battery charger for press machine 18 V (Li-Ion rechargeable battery)</p>	<p>1519483[°]</p>	
	<p>Rechargeable battery 18 V / 3.0 Ah for press machine 18 V (Li-Ion rechargeable battery)</p>	<p>1519484[°]</p>	<p>For Oventrop press machines 18 V item no. 1519476 and 1519681.</p>

3.4.h "Copex HT" PE-Xc Plastic pipe

Content



"Copex HT" PE-Xc Plastic pipe

652





Article	Packing unit	Article-No.	Hint
<p>"Copex HT" PE-Xc Plastic pipe with oxygen barrier</p>			<p>Application: Potable water and heating systems.</p>
<p>rolls</p>			<p>Pipes according to DIN 16892/ DIN 16893/ DIN EN ISO 15875. Oxygen tight according to DIN 4726.</p>
<p>Dimension 16 x 2.2 mm</p>			
<p>length per roll 100 m</p>	(100)	1410151	<p>Operational conditions: Max. operating pressure p_s: 10 bar Max. design temperature t_s: 90 °C</p>
			
<p>Dimension 20 x 2.8 mm</p>			
<p>length per roll 100 m</p>	(100)	1410461	<p>Attention: Observe "Technical information" advice!</p>
			
<p>Dimension 25 x 3.5 mm</p>			
<p>length per roll 50 m</p>	(50)	1410560	<p>Connection technology "Cofit PD-HT": from page 654</p>
			
<p>Dimension 32 x 4.4 mm</p>			
<p>length per roll 50 m</p>	(50)	1410660	
			

3.4.i "Cofit PD-HT" Press connection system

Content



"Cofit PD-HT" Press fittings made of bronze	654
"Cofit PD-HT" Press fittings made of bronze	655
"Cofit PDK-HT" Press fittings made of plastic (PPSU)	656
"Cofit S-HT" Compression fittings	656
Tools	657

Article	Packing unit	Article-No.	Hint
<p>"Cofit PD-HT" Press fittings made of bronze designed not to seal in an uncompressed condition, stainless steel casing for PE-Xc plastic pipes "Copex HT"</p>			<p>Universal application for heating systems and sanitary installations.</p>
<p>Press connection with male thread</p>			<p>For valves with female threaded connection.</p>
	16	x 2.2 mm x R 1/2 (10) 1562043	
	20	x 2.8 mm x R 1/2 (10) 1562045	
	20	x 2.8 mm x R 3/4 (10) 1562046	
	25	x 3.5 mm x R 3/4 (5) 1562048	
	25	x 3.5 mm x R 1 (5) 1562049	
	32	x 4.4 mm x R 1 (5) 1562051	
<p>Press connection with female thread</p>			<p>For changing over to different pipe material and for valves and fittings with male threaded connection for sealing.</p>
	16	x 2.2 mm x Rp 1/2 (10) 1562243	
	20	x 2.8 mm x Rp 3/4 (10) 1562246	
<p>Press coupling</p>			
	16 x 2.2 mm	x 16 x 2.2 mm (10) 1562543	
	20 x 2.8 mm	x 20 x 2.8 mm (10) 1562545	
	25 x 3.5 mm	x 25 x 3.5 mm (5) 1562546	
	32 x 4.4 mm	x 32 x 4.4 mm (5) 1562547	
<p>Press reducing coupling</p>			
	20 x 2.8 mm	x 16 x 2.2 mm (10) 1562655	
	25 x 3.5 mm	x 16 x 2.2 mm (5) 1562656	
	25 x 3.5 mm	x 20 x 2.8 mm (5) 1562657	
	32 x 4.4 mm	x 25 x 3.5 mm (5) 1562660	

Article	Packing unit	Article-No.	Hint
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"Cofit PD-HT" Press fittings made of bronze
designed not to seal
in an uncompressed condition,
stainless steel casing
for PE-Xc plastic pipes "Copex HT"

**Universal application for heating systems
and sanitary installations.**



Press elbow

16 x 2.2 mm	x 16 x 2.2 mm	(10)	1562843
20 x 2.8 mm	x 20 x 2.8 mm	(10)	1562845
25 x 3.5 mm	x 25 x 3.5 mm	(5)	1562847
32 x 4.4 mm	x 32 x 4.4 mm	(5)	1562849



Press T-piece

16 x 2.2 x 16 x 2.2 x 16 x 2.2 mm	(10)	1563043
20 x 2.8 x 20 x 2.8 x 20 x 2.8 mm	(10)	1563045
25 x 3.5 x 25 x 3.5 x 25 x 3.5 mm	(5)	1563046
32 x 4.4 x 32 x 4.4 x 32 x 4.4 mm	(5)	1563047



Press T-piece, reduced central port

20 x 2.8 x 16 x 2.2 x 20 x 2.8 mm	(10)	1563155
25 x 3.5 x 16 x 2.2 x 25 x 3.5 mm	(5)	1563156
25 x 3.5 x 20 x 2.8 x 25 x 3.5 mm	(5)	1563157



Press T-piece, reduced central and straight port

20 x 2.8 x 16 x 2.2 x 16 x 2.2 mm	(10)	1563354
25 x 3.5 x 16 x 2.2 x 20 x 2.8 mm	(5)	1563356



**Wall mounted connection piece with press connection,
90°, short model**

16 x 2.2 mm	x Rp 1/2	(10)	1567053
20 x 2.8 mm	x Rp 1/2	(10)	1567055



Radiator connection T-piece

nickel plated,
pipe made of copper, fitting made of brass
for PE-Xc plastic pipe "Copex HT"

16	x 2.2 mm	(10)	1565243
20	x 2.8 mm	(10)	1565245

Fixing and insulating material available from
specialist stores.
For the connection of apparatus, valves and
fittings.

Article	Packing unit	Article-No.	Hint
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"Cofit PDK-HT" Press fittings made of plastic (PPSU)
 designed not to seal
 in an uncompressed condition,
 stainless steel casing
 for PE-Xc plastic pipes "Copex HT"

**Universal application for heating systems
 and sanitary installations.**

Press coupling



16 x 2.2 mm	x 16 x 2.2 mm	(10)	1552543
20 x 2.8 mm	x 20 x 2.8 mm	(10)	1552545

Press reducing coupling



20 x 2.8 mm	x 16 x 2.2 mm	(10)	1552655
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Press elbow 90°



16 x 2.2 mm	x 16 x 2.2 mm	(10)	1552843
20 x 2.8 mm	x 20 x 2.8 mm	(10)	1552845

Press T-piece



16 x 2.2 x 16 x 2.2 x 16 x 2.2 mm	(10)	1553043
20 x 2.8 x 20 x 2.8 x 20 x 2.8 mm	(10)	1553045

Press T-piece, reduced central port



20 x 2.8 x 16 x 2.2 x 20 x 2.8 mm	(10)	1553155
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Press T-piece, reduced central and straight port



20 x 2.8 x 16 x 2.2 x 16 x 2.2 mm	(10)	1553354
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"Cofit S-HT" Compression fittings





for G 3/4 male thread according to DIN EN 16313 (cone "Euro")
 outlet made of bronze, compression ring and collar nut made of brass,
 collar nut nickel plated

**Universal application for heating systems
 and sanitary installations.**

For PE-Xc plastic pipes "Copex HT".

16	x 2.2 mm	x G 3/4 c/nut	(10)	1567955
20	x 2.8 mm	x G 3/4 c/nut	(10)	1567960



Article	Article-No.	Hint
<p>Tools for PE-Xc plastic pipes "Copex" and press fittings "Cofit PHT"</p>		
	<p>Pipe cutter with special cutting wheel</p> <p>up to 32 mm diameter Spare cutting wheel</p>	<p>For cutting the pipes at right angles, one tool for all diameters. Spare cutting wheel in the grip.</p> <p>For pipe cutter 1509580.</p>
	<p>Universal tool for deburring and calibrating mandrels made of stainless steel</p> <p>for pipes 16 x 2.2 mm for pipes 20 x 2.8 mm for pipes 25 x 3.5 mm for pipes 32 x 4.4 mm</p>	<p>For calibrating and deburring the pipes at the same time.</p>
	<p>Type H 16 A, for pipe Ø 16 mm</p> <p>Type H 20 A, for pipe Ø 20 mm</p> <p>Type H 25 A for pipe Ø 25 mm</p> <p>Type H 32 A, for pipe Ø 32 mm</p>	<p>Suitable for use with the Oventrop press machines item no. 1519476 and 1519480. The Oventrop press bits may also be used with the press machines of the following companies: Geberit type PWH75, Klauke types UAP2, UAP3L, UP2EL, Mannesmann/Novopress types EFP2, ECO1, AFP2, ACO1, Polytherm, Rems, Roller, Rothenberger, Uponor/Unicor, Velta, Viega type 2.</p>
	<p>Press bits for press machine 18 V (Li-ion rechargeable battery)</p> <p>for pipe Ø 16 mm for pipe Ø 20 mm for pipe Ø 25 mm for pipe Ø 32 mm</p>	<p>Suitable for use with the Oventrop press machine 18 V (rechargeable battery) (item no. 1519681).</p>

